IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Resolution of EPCS-related CIDs (LB275) | | | | |
| Date: September 2023 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| John Wullert  Subir Das | PERATON LABS |  |  | <jwullert@peratonlabs.com>  <sdas@peratonlabs.com> |
| An Nguyen  Frank Suraci | DHS/CISA/ECD |  |  | (an.p.nguyen, frank.suraci) @cisa.dhs.gov |
| Peshal Nayak | SAMSUNG RESEARCH AMERICA |  |  | p.nayak@samsung.com |

Abstract

This submission proposes resolutions for 31 comments related to EPCS that were submitted during TGbe LB275.

CIDs: 19345, 19547, 19548, 19549, 19550, 19551, 19552, 19553, 19554, 19555, 19304, 19556, 19306, 19307, 19308, 19557, 19305, 19558, 19309, 19310, 19311, 20125, 19559, 19560, 19561, 19562, 19563, 19731, 19564, 19565, 19312

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Incorporate comments from the TTT
* Rev 2: Added coauthor
* Rev 3: Incorporated additional feedback and green-tags from AA
* Rev 4: Additional revisions based on further TTT feedback.
* Rev 5: Minor revision to resolution of CID 9306

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbe Draft. This introduction is not part of the adopted material.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Pg/Ln** | **Comment** | **Proposed Change** | **Resolution** |
| **19345** | 4.5.13 | 68.01 | "EPCS service provider"when expanded include "service service provider". | Change "EPCS service provider" to "EPCS provider". Ditto P640L54 | Revised  Agree with commenter about the repetition. The “service” in “service provider” is not limited to EPCS, but refers to telecommunications access service. Revised text to avoid repetition.  **TGbe editor please implement changes labelled as #19345 in document 11/23-1402r5.** |
| **19547** | 9.6.35.5 | 316.30 | Add "EPCS" into "The frame is transmitted by an EPCS MLD through an affiliated STA as a request to enable EPCS priority access" | Please see comment | Revised  The definition of EPCS MLD is local to clause 35.16. Will add reference to that clause for clarity.  **TGbe editor please implement changes labelled as #19547 in document 11/23-1402r5.** |
| **19548** | 9.6.35.5 | 316.56 | Add "EPCS" before MLD. | Please see comment | Revised  Addressed by the resolution to 19547. The definition of EPCS MLD is local to clause 35.16. Will add reference to that clause for clarity.  **TGbe editor please implement changes labelled as #19547 in document 11/23-1402r2.** |
| **19549** | 9.6.35.5 | 316.59 | Add "EPCS" before AP MLD | Please see comment | Revised  Addressed by the resolution to 19547. The definition of EPCS MLD is local to clause 35.16. Will add reference to that clause for clarity.  **TGbe editor please implement changes labelled as #19547 in document 11/23-1402r2** |
| **19550** | 9.6.35.5 | 316.60 | EPCS Priority Access Multi-Link element should not be included in the EPCS Priority Access Enable Request frame when it is sent by an EPCS non-AP MLD. | Suggest to add "and not present if the Action frame is sent by an EPCS non-AP MLD" | Revised  Agree with commenter. Given that the definition of the term “EPCS non-AP MLD” is local to clause 35.16, this text should refer to non-AP MLD.  **TGbe editor: Please add “and not present if the Action frame is sent by a non-AP MLD” to the end of the cited sentence.** |
| **19551** | 9.6.35.6 | 317.06 | Add "EPCS" before AP MLD | Please see comment | Revised  The definition of EPCS MLD is local to clause 35.16. Will add reference to that clause for clarity. Further, the phrase “EPCS non-AP MLD” that is used in the same paragraph will be changed to “non-AP MLD”.  **TGbe editor please implement changes labelled as #19551 in document 11/23-1402r5.** |
| **19552** | 9.6.35.6 | 317.39 | change "Success" to "SUCCESS" | Please see comment | Accepted |
| **19553** | 9.6.35.6 | 317.42 | Add "EPCS" before AP MLD | Please see comment | Revised  Addressed by the resolution to 19551. The definition of EPCS MLD is local to clause 35.16. Will add reference to that clause for clarity.  **TGbe editor please implement changes labelled as #19551 in document 11/23-1402r2.** |
| **19554** | 9.6.35.6 | 317.43 | EPCS Priority Access Multi-Link element should not be included in the EPCS Priority Access Enable Response frame when it is sent by an EPCS non-AP MLD. | Suggest to add "and not present if the Action frame is sent by an EPCS non-AP MLD" | Revised  Agree with commenter. Given that the definition of the term “EPCS non-AP MLD” is local to clause 35.16, this text should refer to non-AP MLD.  **TGbe editor: Please add “and not present if the Action frame is sent by a non-AP MLD” to the end of the cited sentence.** |
| **19555** | 9.6.35.7 | 317.49 | Add "EPCS" before MLD. | Please see comment | Revised  The definition of EPCS MLD is local to clause 35.16. Will add reference to that clause for clarity.  **TGbe editor please implement changes labelled as #19555 in document 11/23-1402r5.** |
| **19304** | 35.16.1 | 640.44 | While it might be assumed, the term "EPCS MLD" is not explicitly defined. | Change "EPCS MLD" to EPCS AP MLD or an EPCS non-AP MLD" | Rejected  Given descriptions of EPCS AP MLD and EPCS non-AP MLD, the extension to EPCS MLD is apparent. |
| **19556** | 35.16.1 | 640.64 | Need to clarify that the prior AP MLD and the new AP MLD are EPCS AP MLDs in the same ESS. | change "AP MLD" to 'EPCS AP MLD" | Revised  Agree with comment. Note that this change occurs in two places in the cited paragraph.  **TGbe editor please implement changes labelled as #19556 in document 11/23-1402r5.** |
| **19306** | 35.16.2.1 | 641.09 | The references to AP MLD and non-AP MLD in this clause should be "EPCS AP MLD" and EPCS non-AP MLD" respectivley | As in comment | Revised  Agree with comment. Changes also include corrections to articles where necessary  **TGbe editor please implement changes labelled as #19306 in document 11/23-1402r5.** |
| **19307** | 35.16.2.1 | 641.19 | The phrase "and are capable of invoking EPCS priority access" does not fit grammatically within the sentence. | Replace "...and are capable of invoking EPCS priority access." with "...and both are capable of invoking EPCS priority access." | Accepted |
| **19308** | 35.16.2.1 | 641.25 | The phrase "and are capable of invoking EPCS priority access" does not fit grammatically within the sentence. | Replace "...and are capable of invoking EPCS priority access." with "...and both are capable of invoking EPCS priority access." | Accepted |
| **19557** | 35.16.2.2.1 | 641.34 | EPCS priority access is between an EPCS non-AP MLD and an EPCS AP MLD. Please add "EPCS" before non-AP MLD and before AP MLD. | Please see comment | Revised  Agree with comment. Changes also include corrections to articles where necessary  **TGbe editor please implement changes labelled as #19557 in document 11/23-1402r5.** |
| **19305** | 35.16.1 | 641.61 | The references to AP MLD and non-AP MLD in this paragraph should be "EPCS AP MLD" and EPCS non-AP MLD" respectivley | As in comment | Revised  Agree with comment. Resolved in conjunction with CID 19557.  **TGbe editor please implement changes labelled as #19557 in document 11/23-1402r5.** |
| 19558 | 35.16.2.2.1 | 642.01 | Simplify the text "MLD supporting EPCS priority access capability" and change to "EPCS MLD" | Please see comment | Revised  Agree with proposed change to simplify the wording and use the term “EPCS MLD” defined in clause 35.16.1 rather than descriptive text. Including change to ensure that it is clear.  **TGbe editor please replace "MLD supporting EPCS priority access capability" with "EPCS MLD".** |
| **19309** | 35.16.2.1 | 642.11 | The text of the note describes association as if it occurs at the STA level rather than the MLD level. | Replace with "If an EPCS non-AP MLD is associated with **a** EPCS AP MLD and one or more of the APs affiliated with the EPCS AP MLD belong to a multiple BSSID set or sets, the EPCS frame exchanges are performed between the intended AP (that can correspond to a transmitted BSSID or a nontransmitted BSSID in the set) and the non-AP STA. | Revised  Agree with comment. Propose to make the recommended change, but fix a typo.  **TGbe editor please implement changes labelled as #19309 in document 11/23-1402r5.** |
| **19310** | 35.16.2.2.3 | 643.61 | The text does not make clear that when the EPCS AP MLD tears down EPCS, it does so only for the destination EPCS non-AP MLD | Change "The tearing down EPCS AP MLD shall change the EPCS priority access state to torn down for all setup links." to "The tearing down EPCS AP MLD shall change the EPCS priority access state to torn down for all setup links **of the EPCS non-AP MLD**." | Revised  Agree with comment. Applied suggested change with small correction in wording.  **TGbe editor please implement changes labelled as #19310 in document 11/23-1402r5.** |
| **19311** | 35.16.2.2.4 | 644.25 | Item iii) in the list uses the phrase "for any other reason" which is most appropriate for the final item in a list. | Move item iii) to a position after NOTE 2 (so that iii) becomes iv), the final item in the list.) Do not move NOTE 1. | Revised  Changes illustrated below for clarity.  **TGbe editor please implement changes labelled as #19311 in document 11/23-1402r5.** |
| **19559** | 35.16.3.1 | 654.45 | Suggest to add "EPCS" to "each non-AP STA affiliated with the EPCS non-AP MLD applies EPCS priority access to traffic ..." | Please see comment | Revised  Agree with comment. Change is on page 645, line 45.  **TGbe editor please implement changes labelled as #19559 in document 11/23-1402r5.** |
| **20125** | 53 | 645.35 | The maintenance procedures for EPCS priority access section refers to this section for details on behavior to update the EDCA parameter. However, the language in this section does not state anything about updating. The language only covers the behavior when enabling EPCS priority access | Update the language to reflect the behavior during EDCA parameter update after EPCS priority access has been enabled | Revised  Agree with comment. Updated language in clause 35.16.3.2 to reflect that the described procedures are used both when enabled EPCS and updating the EDCA parameters while EPCS is enabled.  **TGbe editor please implement changes labelled as #20125 in document 11/23-1402r5.** |
| **19560** | 35.16.3.2 | 646.27 | Change "Priority Access Multi-Link element" to "EPCS Priority Access Multi-Link element" to align with 9.4.2.312.6 EPCS Priority Access Multi-Link element to align with 9.4.2.312.6 EPCS Priority Access Multi-Link element | Please see comment | Accepted |
| **19561** | 35.16.3.3.1 | 647.18 | Change "35.16.3.3.1 Procedures at the initiating AP MLD" to "35.16.3.3.1 Procedures at the initiating EPCS AP MLD". | Please see comment | Accepted |
| **19562** | 35.16.3.3.1 | 647.24 | Change "update the parameters used by an EPCS non-AP MLD with EPCS priority access in the enabled state with an associated non-AP MLD" to "update the parameters used by an associated EPCS non-AP MLD with EPCS priority access in the enabled state with an associated non-AP MLD" | Please see comment | Revised  Agree with comment. The final phrase “with an associated non-AP MLD also seems redundant.  **TGbe editor please implement changes labelled as #19562 in document 11/23-1402r5.** |
| **19563** | 35.16.3.3.1 | 647.26 | Change "with the non-AP MLD and is affiliated with the initiating EPCS AP MLD" to "with the EPCS non-AP MLD and is affiliated with the initiating EPCS AP MLD" | Please see comment | Accepted |
| 19731 | 35.16.3.3.1 | 647.27 | EPCS is an optional feature and AP can determine the transmission. Suggest to remove "shall" | change "shall transmit" to "transmits" | Revised  The “shall” applies to an AP affiliated with an EPCS AP MLD, which by definition has implemented the optional feature. Devices that implement EPCS must support this feature. To clarify this, and that the EPCS AP MLD has been triggered to perform this action, as is described in the prior paragraph, will make the second paragraph a sub-bullet of the first.  **TGbe Editor: Please implement changes labelled as #19731 in document 11/23-1402r5.** |
| **19564** | 35.16.3.3.1 | 647.30 | Change "containing updated values carried in Priority Access Multi-Link element" to "containing updated values carried in EPCS Priority Access Multi-Link element" to align with 9.4.2.312.6 EPCS Priority Access Multi-Link element. | Please see comment | Revised  Agree with comment. Updated text generally as suggested  **TGbe Editor: please implement changes labelled as #19564 in document 11/23-1402r5.** |
| **19565** | 35.16.3.3.2 | 647.32 | Change "35.16.3.3.2 Procedures at the receiving non-AP MLD" to "35.16.3.3.2 Procedures at the receiving EPCS non-AP MLD" | Please see comment | Accepted |
| **19312** | 35.16.3.3.2 | 647.38 | Item a) mentions EDCA parameters, but does not describe how thereceiving EPCS non-AP MLD should handle MU EDCA parameters | Rephrase as "The non-AP MLD shall update the EDCA and MU EDCA parameters according to the rules in 35.16.3.2 (EDCA operation using EPCS EDCA parameters). | Accepted |

**4.5.13 EPCS priority access**

…

A non-AP MLD enables EPCS priority access by sending an EPCS Priority Access Enable Request frame (see 9.6.35.5 (EPCS Priority Access Enable Request frame format)) to an associated AP MLD that advertises the capability. A non-AP MLD can send the request on any available enabled link between the non-AP MLD and the AP MLD. The AP MLD authorizes the non-AP MLD using either locally stored verification information or information obtained from [#19345] a service provider supporting EPCS via other means, such as the SSPN interface (see 11.22.5 (Interworking procedures: interaction with SSPN)) and sends an EPCS Priority Access Enable Response frame (see 9.6.35.6 (EPCS Priority Access Enable Response frame format)) to the non-AP MLD. If the non-AP MLD is authorized, EPCS priority access will be enabled on all links the non-AP MLD has set up with the AP MLD. Alternatively, the AP MLD can enable EPCS priority access by sending an unsolicited EPCS Priority Access Enable Request frame (see 9.6.35.5 (EPCS Priority Access Enable Request frame format)) to a non-AP MLD and the non-AP MLD confirms the request by sending an EPCS Priority Access Enable Response frame. An AP MLD can send the request on any available enabled link between the AP MLD and non-AP MLD and EPCS priority access will be enabled on all links within the MLD.

…

**9.6.35.5 EPCS Priority Access Enable Request frame format**

The EPCS Priority Access Enable Request frame is an Action frame of category Protected EHT. The frame is transmitted by an MLD through an affiliated STA as a request to enable EPCS priority access (#19547) see 35.16 (EPCS priority access). The Action field of the EPCS Priority Access Enable Request frame contains the information shown in Table 9-628g (EPCS Priority Access Enable Request frame Action field format).

…

**9.6.35.6 EPCS Priority Access Enable Response frame format**

The EPCS Priority Access Enable Response frame is an Action frame of category Protected EHT. The frame is transmitted in response to an EPCS Priority Access Enable Request frame (#19551) see 35.16 (EPCS priority access). It can also be transmitted in an unsolicited mode by the AP MLD to modify parameters used by (#19551)a non-AP MLD with EPCS priority access in the enabled state. The Action field of the EPCS Priority Access Enable Response frame contains the information shown in Table 9-628h (EPCS Priority Access Enable Response frame Action field format).

,,,

**9.6.35.7 EPCS Priority Access Teardown frame details**

The EPCS Priority Access Teardown frame is an Action frame of category Protected EHT. The frame is transmitted by an initiating MLD through an affiliated STA to tear down EPCS priority access (#19555) see 35.16 (EPCS priority access). The Action field of the EPCS Priority Access Teardown frame contains the information shown in Table 9-628i (EPCS Priority Access Teardown Action field format).

…

**35.16 EPCS priority access**

**35.16.1 General**

EPCS priority access is a mechanism that provides prioritized access to the wireless medium for authorized users to increase their probability of successful communication during periods of network congestion.

An EPCS AP MLD is an AP MLD with dot11EHTEPCSPriorityAccessActivated set to true.

An EPCS non-AP MLD is a non-AP MLD with dot11EHTEPCSPriorityAccessActivated set to true.

A STA affiliated with an EPCS MLD shall set to 1 the EPCS Priority Access Support subfield of the EHT Capabilities element that it transmits. A STA affiliated with an MLD that is not an EPCS AP MLD or an EPCS non-AP MLD shall set to 0 the EPCS Priority Access Support subfield of the EHT Capabilities element that it transmits.

During the (re)association process, the AP MLD obtains information required to verify the authority of the non-AP MLD to use EPCS priority access. An AP MLD that has dot11SSPNInterfaceActivated equal to true may use the interworking procedures described in 11.22.5 (Interworking procedures: interactions with SSPN) to retrieve permission for a non-AP MLD to use the EPCS priority access from [#19345] a service provider supporting EPCS via the SSPN interface during association by the non-AP MLD. To support this exchange, an EPCS non-AP MLD shall provide the home realm information of the EPCS provider and necessary authentication parameters as described in 11.22.5 (Interworking procedures: interactions with SSPN). While other methods of obtaining this authorization information are possible, they are outside the scope of this standard.

An AP MLD that successfully obtains permission for a non-AP MLD to use EPCS priority access shall update the dot11EPCSPriorityAccessAuthorized for the non-AP MLD in the dot11InterworkingEntry. The authorization information included in the dot11InterworkingEntry is passed from the prior [#19556] EPCS AP MLD to the new EPCS AP MLD in the same ESS during reassociation as described in 11.22.5.3 (Reporting and session control with SSPN).

**35.16.2 EPCS priority access operation**

**35.16.2.1 General**

EPCS priority access is established at the MAC by the initiation of the SME. The EPCS priority access between an [#19306] EPCS AP MLD and its associated [#19306] EPCS non-AP MLD can be in one of the following two states: enabled state or torn down state. The protocols to enable and tear down EPCS priority access are described in this subclause.

A non-AP STA affiliated with [#19306] an EPCS non-AP MLD shall not send an EPCS Priority Access Enable Request frame to an AP affiliated with the associated [#19306] EPCS AP MLD unless RSNA with management frame protection (see 12.2.7 (Requirements for management frame protection) and 12.6 (RSNA security association management)) has been successfully negotiated and [#19307] both are capable of invoking EPCS priority access.

An AP affiliated with an [#19306] EPCS AP MLD shall not send an EPCS Priority Access Enable Request frame to a non-AP STA affiliated with the associated [#19306] EPCS non-AP MLD unless RSNA with management frame protection (see 12.2.7 (Requirements for management frame protection) and 12.6 (RSNA security association management)) has been successfully negotiated and [#19308] both are capable of invoking EPCS priority access.

…

**35.16.2.2.1 General**

EPCS priority access shall be in a torn down state upon the completion of successful ML setup procedure (i.e., when [#19557]an EPCS non-AP MLD associates with an EPCS AP MLD).

…

As illustrated in Figure 35-12 (Enabling EPCS priority access), an [#19558] EPCS MLD invokes EPCS priority access on demand when instructed to do so by a higher layer function. After successful invocation of EPCS priority access, both the originator and the responder shall transition EPCS priority access to the enabled state and apply the priority access treatment to EPCS traffic. The AP MLD or non-AP MLD may send an EPCS Priority Access Enable Request frame through an affiliated AP or affiliated non-AP STA, respectively, on any enabled link between them and, if authorized, EPCS priority access is established on all setup links and EPCS priority access treatment will be applied on all enabled links between the MLDs.

NOTE—[#19309] EPCS can be enabled after association between an EPCS non-AP MLD and an EPCS AP MLD. Any AP affiliated with the AP MLD can be part of multiple BSSID set. The EPCS frame exchange takes place over a setup link between an affiliated non-AP STA and the corresponding affiliated AP.

…

**35.16.2.2.3 Procedures at the initiating EPCS AP MLD**

….

The tearing down EPCS AP MLD shall transmit an EPCS Priority Access Teardown frame (9.6.35.7 (EPCS Priority Access Teardown frame details)) via an affiliated STA to a non-AP STA affiliated with an associated EPCS non-AP MLD. The tearing down EPCS AP MLD shall change the EPCS priority access state to torn down for all [#19310] the links that have been setup with the EPCS non-AP MLD. During the process of disassociating an EPCS non-AP MLD, the EPCS AP MLD shall transition EPCS priority access to the torn down state for that EPCS non-AP MLD.

…

**35.16.2.2.4 Procedure at the receiving AP MLD**

Upon receipt of an EPCS Priority Access Enable Request frame (9.6.35.5 (EPCS Priority Access Enable Request frame format)), an EPCS AP MLD shall use the following procedure to enable EPCS priority access for the requesting non-AP MLD.

1. The receiving AP MLD shall issue an MLME-EPCSPRIACCESSENABLE.indication primitive.
2. Upon receipt of the MLME-EPCSPRIACCESSENABLE.response primitive, the receiving AP MLD shall reply to the initiating non-AP MLD with an EPCS Priority Access Enable Response frame (9.6.35.6 (EPCS Priority Access Enable Response frame format)) using the following procedure:
   1. For an AP MLD with dot11SSPNInterfaceActivated equal to true, if the dot11EPCSPriorityAccessAuthorized for the requesting non-AP MLD in the dot11InterworkingEntry is set to true indicating the requesting non-AP MLD is verified for EPCS priority access, the AP MLD shall set the Status Code field to a value of SUCCESS.
   2. For an AP MLD with dot11SSPNInterfaceActivated equal to true, if the dot11EPCSPriorityAccessAuthorized for the requesting non-AP MLD in the dot11InterworkingEntry is set to false, the AP MLD shall set the Status Code field to a value of EPCS\_DENIED\_UNAUTHORIZED.

[#19311]NOTE 1—The verification for AP MLD with dot11SSPNInterfaceActivated equal to false is out of scope of this standard.

* 1. If the receiving AP MLD is unable to verify that the non-AP MLD is authorized for any reason, such as a communication failure or overload condition, the receiving AP MLD shall set the Status Code field with a value of EPCS\_DENIED\_VERIFICATION\_FAILURE as defined in 9.4.1.9 (Status Code field).

NOTE 2—Given temporary nature of this condition, higher layer function might attempt to invoke the enable operation again after a suitable delay.

* 1. [#19311]If the receiving AP MLD cannot support EPCS priority access for the initiating non-AP MLD for any other reason, the receiving AP MLD shall set the Status Code field with a value of EPCS\_DENIED as defined in 9.4.1.9 (Status Code field).

…

**35.16.3 EPCS priority access procedure**

**35.16.3.1 General**

EPCS priority access procedure allows EPCS non-AP MLDs with priority access in the enabled state to gain priority access to medium. If EPCS priority access is in the enabled state for an EPCS non-AP MLD, then each non-AP STA affiliated with the [#19559]EPCS non-AP MLD applies EPCS priority access to traffic on its enabled link using the procedure described below.

…

**35.16.3.2 EDCA operation using EPCS EDCA parameters**

As part of the EPCS priority access procedure, a STA affiliated with an EPCS non-AP MLD shall manage its EDCA parameter sets as follows:

* During the process of enabling EPCS priority access [#20125]or the process of updating the EDCA and MU EDCA parameters while EPCS priority access is enabled, the STA affiliated with the EPCS non-AP MLD shall
  + update its dot11EDCATable to the respective values in each category as soon as practical in implementation to
    - the values carried in the EDCA Parameters Set element included in the per-STA profile, with the Link ID corresponding to the AP with which the STA is associated, carried in the EPCS Priority Access Multi-Link element contained in an EPCS Priority Access Enable Request or an EPCS Priority Access Enable Response frame sent by an AP affiliated with the EPCS AP MLD, if the corresponding per-STA profile is present and contains an EDCA Parameters Set element or,
    - the default EDCA parameter values found in Table 9-155 (Default EDCA Parameter Set element parameter values if dot11OCBActivated is false or the STA is a non-sensor STA) otherwise.
    - update the dot11MUEDCATable as soon as practical in implementation to respective values that correspond to fields in the MU EDCA Parameter Set element included in the per-STA profile, with the Link ID corresponding to the AP with which the STA is associated, carried in the EPCS Priority Access Multi-Link element contained in an EPCS Priority Access Enable Request or an EPCS Priority Access Enable Response frame sent by an AP affiliated with the EPCS AP MLD, if the corresponding Per-STA Profile is present and contains an MU EDCA Parameter Set element.
* While EPCS priority access is enabled, the STA affiliated with an EPCS non-AP MLD shall
  + follow the contention-based channel-access procedures defined in 10.2.3.2 (HCF contention based channel access (EDCA)) using the EDCA parameter set stored in the dot11EDCATable as described earlier in this subclause, and
  + ignore the part of the procedures defined in 10.2.3.2 (HCF contention based channel access (EDCA)) that concerns the update of the EDCA parameters that are sent by the corresponding AP in its Beacon and Probe Response frames
  + if the per-STA profile of the [#19560]EPCS Priority Access Multi-Link element is present in the EPCS Priority Access Enable Request or the EPCS Priority Access Enable Response frame received by a STA affiliated with the EPCS non-AP MLD and the per-STA profile contains an MU EDCA Parameter Set element:

…

**35.16.3.3.1 Procedures at the initiating [#19561] EPCS AP MLD**

When instructed to do so by a higher layer function triggered via an external interface, and upon receipt of an MLME-EPCSPRIACCESSENABLE.response primitive, an EPCS AP MLD that supports this functionality shall follow the procedure below to update the parameters used by an [#19562]associated EPCS non-AP MLD with EPCS priority access in the enabled state.

1. [#19731]An AP that is operating on any of the setup links with the [#19563] EPCS non-AP MLD and is affiliated with the initiating EPCS AP MLD shall transmit an EPCS Priority Access Enable Response frame (9.6.35.6 (EPCS Priority Access Enable Response frame format)) to the corresponding non-AP STA affiliated with an associated EPCS non-AP MLD, containing updated values carried in [#19564] the EPCS Priority Access Multi-Link element.

**35.16.3.3.2 Procedures at the receiving [#19565] EPCS non-AP MLD**

Upon receipt of an EPCS Priority Access Enable Response frame (9.6.35.6 (EPCS Priority Access Enable Response frame format)), an EPCS non-AP MLD with EPCS priority access in the enabled state shall use the following procedure to update the EPCS parameters used by the EPCS non-AP MLD:

1. The non-AP MLD shall update the EDCA[#19312]and MU EDCA parameters according to the rules in 35.16.3.2 (EDCA operation using EPCS EDCA parameters).